

Please amend the subject application as follows:

In the claims:

Add new claims 78-99 to read as follows:

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78. An isolated DNA sequence that encodes a receptor protein that (i) binds human tumor necrosis factor, (ii) has an apparent molecular weight of about 55 kilodaltons on a non-reducing SDS-polyacrylamide gel, and (iii) comprises the amino acid sequence of Figure 1. --

79. An isolated DNA sequence that encodes a protein that (i) comprises the amino acid sequence of Figure 1 beginning at amino acid number 1 and ending approximately at amino acid number 180 and (ii) binds human tumor necrosis factor. --

80. The isolated DNA sequence of claim 79, wherein the encoded protein comprises amino acids 1 to 180 in Figure 1. --

81. The isolated DNA sequence of claim 80, wherein the encoded protein consists essentially of amino acids 1 to 180 in Figure 1. --

82. The isolated DNA sequence of claim 81, wherein the encoded protein consists of amino acids 1 to 180 in Figure 1. --

83. The isolated DNA sequence of claim 79, wherein the encoded protein comprises amino acids 1 to 182 in Figure 1. --

84. The isolated DNA sequence of claim 83, wherein the encoded protein consists essentially of amino acids 1 to 182 in Figure 1. --

Cont #1  
-- 85. The isolated DNA sequence of claim 84, wherein the encoded protein consists of amino acids 1 to 182 in Figure 1. --

-- 86. An isolated DNA sequence that comprises the DNA sequence of Figure 1.  
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-- 87. An isolated DNA sequence that encodes a protein that (i) comprises the amino acid sequence encoded by the DNA sequence of Figure 1 beginning at amino acid number 12 and ending at approximately amino acid number 180 and (ii) binds human tumor necrosis factor. --

-- 88. The isolated DNA sequence of claim 87, wherein the sequence comprises the DNA sequence of Figure 1 beginning at nucleotide 121 and ending at nucleotide 627. --

-- 89. The isolated DNA sequence of claim 87, wherein the sequence comprises the DNA sequence of Figure 1 beginning at nucleotide 121 and ending at nucleotide 633. --

-- 90. An isolated DNA sequence encoding the extracellular region of the 55 kD TNF-BP. --

-- 91. An isolated DNA sequence which comprises the DNA sequence of Figure 1 beginning at nucleotide 88 and ending at nucleotide 633. --

-- 92. The isolated DNA sequence of claim 91 which consists essentially of the DNA sequence of Figure 1 beginning at nucleotide 88 and ending at nucleotide 633. --

*Cont*  
*7/1* -- 93. The isolated DNA sequence of claim 92 which consists of the DNA sequence of Figure 1 beginning at nucleotide 88 and ending at nucleotide 633. --

-- 94. The isolated DNA sequence of claim 91 which comprises the DNA sequence of Figure 1 beginning at nucleotide -14 and ending at nucleotide 633. --

-- 95. The isolated DNA sequence of claim 94 which consists essentially of the DNA sequence of Figure 1 beginning at nucleotide -14 and ending at nucleotide 633. --

-- 96. The isolated DNA sequence of claim 95 which consists of the DNA sequence of Figure 1 beginning at nucleotide -14 and ending at nucleotide 633. --

-- 97. The isolated DNA sequence of claim 94 which comprises the DNA sequence of Figure 1 beginning at nucleotide -185 and ending at nucleotide 633. --

-- 98. The isolated DNA sequence of claim 97 which consists essentially of the DNA sequence of Figure 1 beginning at nucleotide -185 and ending at nucleotide 633.

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-- 99. The isolated DNA sequence of claim 98 which consists of the DNA sequence of Figure 1 beginning at nucleotide -185 and ending at nucleotide 633. --

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